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MCO 8420.19  
CBGT  
29 Oct 93

MARINE CORPS ORDER 8420.19

From: Commandant of the Marine Corps  
To: Distribution List

Subj: MATERIEL FIELDING PLAN FOR THE M1A1 EXTERNAL AUXILIARY  
POWER UNIT (EAPU)

Ref: (a) MCO P4105.3

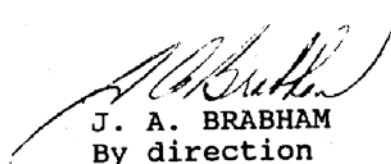
Encl: (1) Materiel Fielding Plan for the M1A1 External Auxiliary  
Power Unit (EAPU)

1. Purpose. This Order is published per the provisions of the reference. It is intended to serve as the single, stand-alone document which consolidates all actions, schedules, procedures, requirements, and information necessary to field, support, and maintain the EAPU.

2. Information. This Order provides information in sufficient detail and accuracy to allow field commanders to place the EAPU in service upon receipt.

3. Action. Addressees are to comply with the requirements of the reference and the contents of this Order.

4. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

  
J. A. BRABHAM  
By direction

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MATERIEL FIELDING PLAN FOR THE  
M1A1 EXTERNAL AUXILIARY POWER UNIT (EAPU)

1. Introduction

a. Source of the Requirement. The Marine Corps requirement for the EAPU was generated to fill an urgent need for Operation Desert Storm.

b. Points of Contact (POC). A listing of essential POC's is displayed below. The following personnel will serve as the focal points for assistance and problem resolution which are neither addressed in this Order nor solvable through normal channels.

<u>TITLE</u>	<u>COMMAND-CODE</u>	<u>PHONE</u>
Program Manager Ground Weapons	MARCORSYSCOM CBG QUANTICO VA	DSN 278-2136
Assistant Program Manager Ground Weapons	MARCORSYSCOM CBGT QUANTICO VA	DSN 278-2137
EAPU Project Officer	MARCORSYSCOM CBGT QUANTICO VA	DSN 278-2137
Integrated Logistics Support Manager	MARCORSYSCOM CBGT QUANTICO VA	DSN 278-2137
Liaison Officer	US Army TACOM SFAE ASM MCLNO WARREN MI	DSN 786-6337
Weapon/Systems Management	MARCORLOGBASES CODE 833-3 ALBANY GA	DSN 567-6767
Requirements and Programs	MCCDC C-433 QUANTICO VA	DSN 278-3142
Training Systems	MARCORSYSCOM SST QUANTICO VA	DSN 278-3739

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c. Fielding Methodology

(1) General Fielding Plan. The EAPU is being fielded vertically. The Marine Corps procured 267 EAPU's and 230 EAPU Integration Kits to support the M1A1 Common Tank (CT). All current Active, Reserve, Maritime Prepositioning Ship (MPS), Operational Readiness Float and Maintenance Float tanks will be EAPU equipped. EAPU allowances will be delivered in accordance with appendix A.

(2) Method of Fielding. All EAPU's and EAPU Integration Kits will be shipped on site to units for subsequent installation. The EAPU and EAPU Integration Kits will be provided as Government Furnished Equipment to General Dynamics Land Systems (GDLS) for installation on the M1A1-CT's. The EAPU will be force fed to using units, therefore submission of requisitions is not required. EAPU's designated for MPS will be stored at MARCORLOGBASES, Albany until MPS rotation permits installation. If necessary, units receiving the EAPU will submit Reports of Discrepancy (SF 364) in accordance with MCO 4430.3J and Product Quality Deficiency Reports (SF 368) in accordance with MCO 4855.10A.

(3) Schedule. Appendix B provides a schedule of program events.

d. Replaced Weapons Systems. None.

2. System Description

a. Administrative Information

(1) Nomenclature: External Auxiliary Power Unit (EAPU)

(2) TAMCN: E0341 (Installation Kit: E0343)

(3) Stores Account Code: 2

(4) NSN: 6115-01-369-7465

(5) Unit of Issue: Each

(6) Unit Cost:

(a) EAPU: \$15,038

(b) Integration Kit: \$3,716

(7) Support Cost: \$582.20

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(8) Life Expectancy (Noncombat): 20 years

(9) Combat Active Replacement Factor: Not applicable

(10) Petroleum, Oil, and Lubricants:

(a) Fuel tank capacity: 3.1 gallons DF1, DF2,  
Jet A-1 (JP8)

(b) Fuel consumption (with full tank):

<u>Engine Output</u>	<u>DF2</u>	<u>Jet A (JP8)</u>
Idle 16 hr's	(.19 gal/hr)	15 hr's (.21 gal/hr)
1 kw 12 hr's	(.25 gal/hr)	11.5 hr's (.27 gal/hr)
2 kw 8 hr's	(.39 gal/hr)	7.5 hr's (.41 gal/hr)

(11) Equipment Density: Normal

(12) Readiness Reporting: Not required

b. Physical Characteristics. Figure 1 is an illustration of the EAPU.

	<u>Operational Configuration</u>	<u>Storage/Shipping Configuration</u>
(1) Length (inches):	24	same
(2) Width (inches):	32	same
(3) Height (inches):	26	same
(4) Square (feet):	5.3	same
(5) Cube (feet):	11.55	same
(6) Weight (pounds):	200	same
(7) Stowage (cubic feet):	11.59	same

(8) Power Requirements: Power is provided by the EAPU internal battery (12 Vdc); the M1A1 tank battery buss; or the recoil (manual) starter.

c. Operational Characteristics. The EAPU is an armor protected, diesel powered generator which provides backup power to operate the M1A1 turret drive; fire control system; communications devices; and nuclear, biological, and chemical protective system while the tank is in a silent watch mode. As a

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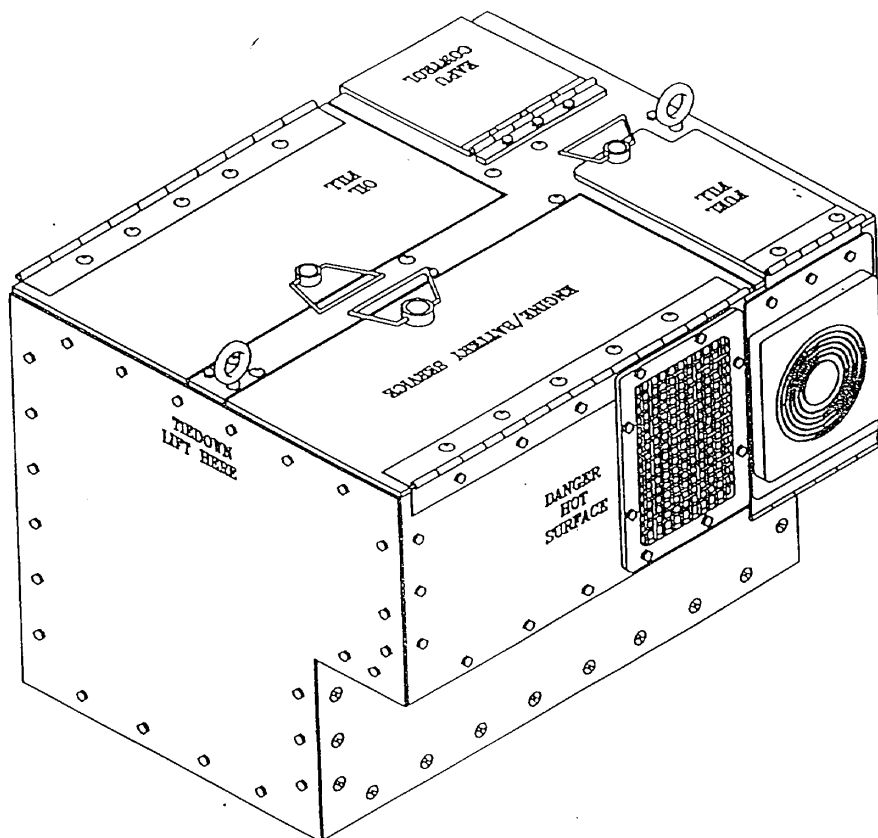


Figure 1.--External Auxiliary Power Unit.

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result, the EAPU will significantly reduce fuel consumption, operating and support costs, engine wear, noise, and infrared signature. Additionally, it will allow the tank to be started when the vehicle's batteries are completely discharged. The EAPU provides the following:

(1) Power for vehicle electrical systems when the vehicle engine is off (2 kilowatt output at 28 Volts direct current at operating temperatures from 140 degrees F to -23 degrees F).

(2) Capability to charge the tank's batteries.

(3) Multifuel capability.

(4) Full output operation of at least 8 hours without refueling (7.5 hr's with JP8).

(5) Oil and air filtration and fuel/water separation systems compatible with operation in European and desert environments.

(6) Turret bustle rack mounting to enable routine maintenance without EAPU removal.

(7) Stand-alone electric start capability.

(8) Recoil start capability.

(9) Demonstrated mean-time-between-failure of at least 500 hours.

d. Associated Systems/Equipment

<u>NOMENCLATURE</u>	<u>ID NO</u>	<u>TAMCN</u>	<u>NSN</u>
Tank, Combat, Full Tracked, 120mm Gun M1A1	08953A	E1888	2350-01-087-1095

3. Logistic Support

a. Maintenance Support

(1) General. The EAPU will be maintained in accordance with MCO P4790.2, Marine Corps Integrated Maintenance Management System (MIMMS) Field Procedures Manual.

(2) Categories/Echelons. Maintenance of the EAPU will be conducted in accordance with the maintenance levels contained in MCO P4790.1, MIMMS Introduction Manual. Maintenance will be performed only within the echelon(s) authorized to perform the

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functions. Preventive maintenance will be conducted primarily as a first echelon function, and corrective maintenance will be accomplished at the lowest appropriate echelon.

(3) Responsibilities. Tank company personnel are responsible for performing organizational (first and second echelon) maintenance. The tank battalion Headquarters and Service Company (HqSvcCo) is authorized to conduct organizational and intermediate maintenance (up to and including third echelon) on the EAPU. Force Service Support Groups (FSSG) will perform intermediate (third echelon) maintenance beyond the tank battalions' capabilities (overflow) as well as general support (fourth echelon) maintenance. Depot level (fifth echelon) maintenance will not be required.

(4) Levels of Maintenance

(a) Organizational Level. Maintenance in this category consists of functions performed in the first and second echelons. An M1A1 Tank Mechanic (MOS 2146) will perform organizational maintenance. Applicable functions and the performing agency at each echelon are:

1 First Echelon. Maintenance functions in this echelon are performed by maintenance personnel organic to the tank company. Maintenance consists of Preventive Maintenance Checks and Services (daily, weekly, and monthly), lubrication, limited troubleshooting and repair, and monitoring/reporting system conditions. Authorized functions for this echelon area limited to inspection, lubrication, cleaning, preserving, tightening, and performing minor adjustments to mechanical and electrical systems.

2 Second Echelon. Maintenance personnel organic to the tank company will perform selected preventive and corrective maintenance functions within this maintenance echelon. Components which require repair beyond the capabilities of the tank company will be evacuated to battalion maintenance. Maintenance consists of diagnosis of malfunctions in components using test equipment authorized in the tank company T/E. Replacement of components is performed if such replacement can be accomplished with organic common tools.

(b) Intermediate Level. Maintenance in this category consists of functions performed in the third and fourth echelons. An M1A1 Tank Mechanic (MOS 2146) will perform third echelon maintenance and an Engineer Equipment Mechanic (MOS 1341) will perform fourth echelon maintenance.

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1 Third Echelon. The tank battalion (HqSvcCo) will perform third echelon maintenance using organic maintenance personnel, repair parts, and secondary reparable from the Supported Activity Supply System (SASSY) Management Unit. Maintenance consists of diagnosis/fault isolation and adjustment/alignment of components which can be accomplished with organic test equipment.

2 Fourth Echelon. Fourth echelon maintenance will be performed by the supporting FSSG through equipment evacuation to the FSSG or contact teams from the FSSG. The principal function of fourth echelon maintenance is to repair subassemblies and assemblies, for return to ready-for-issue status. Fourth echelon maintenance functions consist of:

a Diagnosis and fault isolation of malfunctions to the internal piece-part level; adjustment, alignment, and repair, as necessary, for restoration to required tolerances or standards.

b Replacement of defective modular components which are beyond the authorized capability of lower echelons of maintenance.

(c) Depot Level. The EAPU will not require depot level maintenance.

b. Interim Contractor Support (ICS). ICS has not been procured for the EAPU.

c. Manpower, Personnel, and Training

(1) Personnel Requirements. No changes to the affected Tables of Organization (T/O) (4234G and 4237G) will be required for this system. The EAPU will be operated by personnel assigned Tank Crewman (MOS 1812) who are currently in the Tank Battalion T/O. The EAPU will be maintained by personnel assigned M1A1 Tank Mechanic (MOS 2146) and Engineer Equipment Mechanics (MOS 1341) who are currently assigned to the above T/O's.

(2) Training Requirements

(a) New Equipment Training (NET). The system integrator, GDLS, will conduct NET for maintenance personnel and operators. All NET will be conducted at the time of installation. MARCORLOGBASES, Albany will be responsible for coordinating training of MPS maintenance personnel.

(b) Sustainment. The current plan for operator training for the EAPU is to incorporate the training into the

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Program of Instruction for the Armor Crewman Basic Course at the U.S. Army Armor School, Fort Knox, KY. Maintenance personnel (MOS 2146) will also be trained at the above school to perform maintenance through third echelon.

(c) Schedule:

<u>DATE</u>	<u>LOCATION</u>	<u>NUMBER OF SEATS/ TRAINING TYPE</u>
21 Feb - 18 Mar 1994	1st Tank Bn 29 Palms, CA	270/Operator Training
21 Feb - 18 Mar 1994	CSSG-1, 29 Palms, CA	10/3d and 4th Echelon
10 Jan - 11 Feb 1994	2d Tank Bn Camp Lejeune, NC	270/Operator Training
10 Jan - 11 Feb 1994	2d FSSG Camp Lejeune, NC	30/3d Echelon 10/3d and 4th Echelon
9 - 13 May 1994	Co B, 4th Tank Bn Yakima, WA	90/Operator/ Organizational (Org) 10/3d Echelon
25 - 29 Apr 1994	Co C, 4th Tank Bn Boise, ID	90/Operator/Org Maint Training 10/3d Echelon
23 May - 3 Jun 1994	MARCORLOGBASES Albany, GA	
11 - 15 Apr 1994	Co B, 8th Tank Bn Syracuse, NY	90/Operator/Org Maint Training 10/3d Echelon
28 Mar - 1 Apr 1994	Co A, 8th Tank Bn Ft Knox, KY	90/Operator/Org Maint Training 10/3d Echelon

(3) Training Support Items. Units will provide one M1A1 Tank with EAPU installed for each scheduled training class.

(4) Training Material. Student guides will be provided to each student attending scheduled courses.

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d. Supply Support

(1) General. The U.S. Army is the Primary Inventory Control Activity for the EAPU and will provide follow-on supply support to interservice customers. MARCORLOGBASES, Albany, GA (Code 833-3) is the Secondary Inventory Control Activity.

(2) Supply Concept. An Authorized Stock List/Prescribed Load List will be shipped to the 1st Tank Battalion at 29 Palms, CA and the 2d Tank Battalion at Camp Lejeune, NC with the EAPU's and Integration Kits. A Consolidated Spare Parts list will be provided to MARCORLOGBASES, Albany, GA. For sustainment, standard requisitioning/supply procedures Military Standard Transaction and Issue Procedures/SASSY will be utilized.

e. Support Equipment

(1) Special Tools. Not applicable.

(2) Common Tools. See appendix C.

(3) Special Purpose Test Equipment. Direct Support Electrical System Test Set, NSN: 4931-01-120-0764 TAMCN: E1906.

(4) General Purpose Test Equipment. Multimeter, NSN: 6625-01-139-2512.

(5) Test Program Sets. Not applicable.

(6) Other Support Equipment. Not applicable.

f. Technical Publications. During initial fielding, a preliminary draft EAPU maintenance manual (PDEP 6115-542-24&P) including repair-parts lists will be force-fed to using units by the GDLS team fielding the EAPU. Pertinent technical information/instructions will be included in the following M1A1 Technical Manuals as page changes:

LO 9-2350-264-12

TM 08953-10/1-2

TM 08953-20/2-1

TM 08953-20/2-2

TM 08953-20/3-1

TM 08953-20/3-2

ENCLOSURE (1)

TM 08953-20/3-3

TM 08953-20/3-4

TM 08953a-24P/2-2

g. Commuter Resources Support. None required.

h. Facilities

(1) Existing Facilities. Existing facilities to support the M1A1 Tank are adequate to support the EAPU.

(2) New Facilities. No new facilities are required for operation, maintenance, training, supply, or storage of the EAPU.

(3) Interim Facilities. MARCORLOGBASES, Albany will provide interim storage space for EAPU's destined for MPS.

i. Packaging, Handling, Storage, and Transportation

(1) Packaging. The EAPU and repair parts will be packaged for first destination shipment according to best commercial standards. Prior to shipping to MPS, MARCORLOGBASES, Albany will be responsible for Level "A" packing of each Armored Vehicle Maintenance System unit in accordance with Federal standard 102A.

(2) Preservation. There are no special preservation requirements after placement in service.

(3) Handling. There are no special handling procedures or equipment required for the EAPU.

(4) Storage. There are no unique security requirements.

(5) Transportation. The EAPU will be delivered to the government via commercial transportation of the contractors choice. Upon delivery to tank units, EAPU's will be mounted on the M1A1-CT and will normally move with the tank. Those EAPU's located at MARCORLOGBASES, Albany and FSSG's for maintenance/supply purposes may be transported by ground vehicles, aircraft or ships subject to carriers' requirements for shipping.

j. Warranties. Not applicable.

4. Actions Required to Place Equipment in Service

a. Gaining Commands

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(1) Commander, Marine Forces Atlantic

(a) Appoint a single POC, at each of the following levels, responsible for coordinating the fielding of the EAPU.

1 2d Marine Division

2 2d FSSG

3 2d Tank Battalion

(b) Coordinate all fielding schedules, locations, and support requirements.

(c) Report receipt/acceptance of materiel, post documentation, and establish equipment accountability per MCO P4400.82 and MCO P4400.150.

(d) Report any deficiencies and/or problems relevant to fielding, to the COMMARCORSYSCOM (CBGT) prior to acceptance.

(2) Commander, Marine Forces Pacific

(a) Appoint a single POC, at each of the following levels, responsible for coordinating the fielding of the EAPU.

1 1st Marine Division

2 1st FSSG

3 1st Tank Battalion

(b) Coordinate all fielding schedules, locations, and support requirements.

(c) Report receipt/acceptance of material, post documentation, and establish equipment accountability per MCO P4400.82 and MCO P4400.150.

(d) Report any deficiencies and/or problems relevant to fielding to COMMARCORSYSCOM (CBGT) prior to acceptance.

(3) Commander, MARCORLOGBASES, Albany, GA

(a) Report receipt/acceptance of material, post documentation, and establish equipment accountability per MCO P4400.82 and MCO P4400.150.

(b) Coordinate the fielding/training effort for MPS.

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(c) Report any deficiencies and/or problems relevant to the fielding process to COMMARCORSYSCOM (CBGT).

(d) Provide interim storage for EAPU's destined for MPS.

(4) COMMARCORSYSCOM

(a) Assume overall responsibility for the fielding of the EAPU.

(b) Direct the activities of the fielding effort.

(c) Coordinate all requirements and activities between the gaining commands and COMMARCORLOGBASES (Code 833-3), Albany.

(d) Coordinate the fielding effort for the M1A1 New Equipment Training Team.

(5) Commanding General, Marine Reserve Forces

(a) Appoint a single POC, responsible for coordinating the fielding of the EAPU.

(b) Coordinate all fielding schedules, locations, and support requirements.

(c) Report receipt/acceptance of materiel, post documentation, and establish equipment accountability per MCO P4400.82 and MCO P4400.150.

(d) Report any deficiencies and/or problems relevant to fielding to COMMARCORSYSCOM (CBGT) prior to acceptance.

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LIST OF ALLOWANCES AND DELIVERY SCHEDULES  
EXTERNAL AUXILIARY POWER UNIT

T/E NO	UNIT TITLE	UNIT ALLOWANCE	ACTUAL ALLOWANCE	FY93 QTR1	2	3	4
7014	MARCORLOGBASES	19	19			3	
H1521	HQSVC CO, TKBN/MPSI	2	2			3	
H1524	TKCO, TKBN/MPSI	14	34			3	
I1521	HQSVC CO, TKBN/MPSII	2	2			3	
I1524	TKCO, TKBN/MPSII	14	34			3	
J1521	HQSVC CO, TKBN/MPSIII	2	2			3	
J1524	TKCO,TKBN/MPSIII	14	34			3	
N1511	HQSVC CO, 1TKBN, 1STDIV	2	2		2		
N1514	TKCO, 1TKBN, 1STDIV	14	56		2		
N1521	HQSVC CO, 2TKBN, 1STDIV	2	2		2		
N1524	TKCO, 2TKBN, 1STDIV	14	56		2		
N1544	RESERVE TKCO, BOISE ID	4	4				3
N1544	RESERVE TKCO, YAKIMA WA	4	4				3
N1584	RESERVE TKCO, SYRACUSE NY	4	4				3
N1584	RESERVE TKCO, FT KNOX KY	4	4				3
N3247	(M4001) ORF, CSSG 1	4	4		2		
N3247	(M4002) ORF, 2D FSSG	4	4		2		
TOTAL		267					

Appendix A to  
ENCLOSURE (1)

SCHEDULE OF EVENTS

<u>Deliveries</u>	<u>Dates</u>
1st Tank Bn	21 Feb - 18 Mar 1994
1st FSSG	21 Feb - 18 Mar 1994
2d Tank Bn	10-Jan - 11 Feb 1994
2d FSSG	10 Jan - 11 Feb 1994
Co B, 4th Tank Battalion, Yakima, WA	9 - 13 May 1994
Co C, 4th Tank Battalion, Boise ID	25 - 29 Apr 1994
MARCORLOGBASES, Albany, GA	23 May - 3 Jun 1994
Co B, 8th Tank Battalion, Syracuse, NY	11 - 15 Apr 1994

Required Tools List

<u>Description</u>	<u>National Stock Number</u>
1. Gloves, chemical, and oil protective	8415-00-641-4601
2. Goggles, industrial	4240-00-269-7912
3. Tool Kit, electrical connector repair	5180-00-876-9336
4. Soldering Torch Kit	3439-00-542-0531
5. Heater, gun-type	4940-00-561-1002
6. Handle, hinged, 3/8-inch drive	5120-00-240-5396
7. Extension, 3/8-inch drive, 6-inch	5120-00-227-8107
8. Adapter, 3/8-inch to 1/2-inch	5120-00-240-8703
9. Wrench, torque, 0-175 ft-lb	5120-00-640-6364
10. Hoist, 1,000-pound capacity (Use 5-ton wrecker)	2320-00-051-0489
11. Kit, lifting, commander's weapon station P/N 12284836	4933-01-108-4933
12. Die Set, metal stamping (letter stamping), 1/8-inch	5110-00-289-0006
13. Die Set, metal stamping (numeral stamping), 1/8-inch	5110-00-289-0002
14. Handle, ratchet, 3/8-inch drive	5120-00-240-5364
15. Socket, 3/8-inch drive, 3/8-inch	5120-00-227-6702
16. Cleaner, steam pressure	4940-00-186-0027
17. Wrench, strap	5120-00-020-2947
18. Pliers, retaining ring	5120-00-288-9717
19. Pan, drain	4910-00-387-9592
20. Faceshield	4240-00-542-2048
21. Wrench, spanner (P/N 12257212)	5120-01-046-1128
22. Wrench, open end, 11/32-inch and 3/8-inch	5120-00-277-8313
23. Vise, machinist's	5120-00-180-0681
24. Pliers, conduit style slip joint with plastic jaw inserts	5120-00-624-8065
25. Funnel	7240-00-559-7364
26. Multimeter	6625-01-139-2512
27. Electrical Maintenance/Repair Kit	4931-01-119-7103
28. Hoist, 5000-pound capacity (M88A1)	2350-00-122-6826
29. Dispensing Pump, hand driven	4930-00-263-9886
30. Stopwatch	6645-00-250-4680
31. Lead Set, test	6625-00-444-4041
32. Measure, liquid	7240-00-255-8113
33. Pail, plastic	7240-00-061-1163
34. Socket, deep style, 1/2-inch drive, 1-inch	5120-00-243-7340
35. Wrench, torque, 0-200 in-lb	5120-00-853-4538
36. Knife, pocket	5120-00-240-5943
37. Fire Extinguisher, Monobro	4210-00-555-8837
38. Wrench, torque, 1/2-inch drive, 0-300 in-lb	5120-00-247-2536
39. Hoist, 1-ton capacity	
40. Tap, thread-cutting, 5/8-inch, 32 UNF	6120-00-935-7474
41. Brush, Wire	7920-00-291-5815
42. Pliers, slip joint, electrical connector (Pliers, slip joint, conduit style with plastic jaw inserts)	5120-00-624-8065
43. Face, hammer, inserted	5120-00-596-1071
44. Tap, thread-cutting, 3/8-inch	5136-00-276-1032
45. Setter, stud remover	5120-00-596-0980

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46. Soldering and Desoldering Set	3439-00-460-7198
47. Hoist, 1/2-ton capacity	3950-00-092-9064
48. Wrench, torque, 3/8-inch drive, 0-600 in-lb	5120-00-542-5681
49. Riveter, blind, hand	5120-00-017-2849
50. Faceshield	4240-00-542-2048
51. Grinder, portable	5130-01-087-6821

LIST OF ALLOWANCES AND DELIVERY SCHEDULES - EXTERNAL AUXILIARY  
POWER UNIT INTEGRATION KITS  
AS OF 13 AUGUST 1993

T/E NO	UNIT	UNIT ALLOWANCE	ACTUAL ALLOWANCE	PLANNED			
				FY 94	QTR		
				1	2	3	4
7014	MARCORLOGBASES(DMF/TANKS)	19	19			3	
H1521	HQSVC CO, TKBN/MPSI	2	2			3	
H1524	TKCO, TKBN/MPS I	14	28			3	
I1521	HQSVC CO, TKBN/MPSII	2	2			3	
I1524	TKCO, TKBN/MPSII	14	28			3	
J1521	HQSVC CO, TKBN/MPSIII	2	2			3	
J1524	TKCO, TKBN/MPS III	14	28			3	
N1511	HQSVC CO, 1TKBN, 1STDIV	2	2		2		
N1514	TKCO, 1TKBN, 1STDIV	14	47		2		
N1521	HQSVC CO, 2TKBN, 1STDIV	2	2		2		
N1524	TKCO, 2TKBN, 1STDIV	14	46		2		
N1544	RESERVE TKCO, BOISE ID	4	4			3	
N1544	RESERVE TKCO, YAKIMA WA	4	4			3	
N1584	RESERVE TKCO, SYRACUSE NY	4	4			3	
N1584	RESERVE TKCO, FT KNOX KY	4	4			3	
N3247	(M4001) ORF, CSSG 1	4	4		2		
N3247	(M4002) ORF, 2D FSSG	4	4		2		
TOTAL			230				

Appendix D to  
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# TRAINING SUPPORT ITEMS

## OPERATOR AND UNIT MAINTENANCE TRAINING

<u>QTY</u>	<u>ITEM</u>
4	Maintenance Bays
4	External Auxiliary Power Unit's (EAPU) installed
4	Work Bench
4	Classroom
4	Slide Projector w/Screen
4	Overhead Life (Wrecker) w/2 Pt Sling
4	General Mechanic Tool Boxes

### EXPENDABLES

1	bundle rags per class	
5	gal cleaning solvent per site	
3.1	gal POL per EAPU	
	POL - CONUS DF2/JP8	
	OCONUS DF2/JP8	
5.7	pints oil per Unit	
	oil - Above 39 deg F	15 W 40
	5 deg - 39 deg F	10 W 30
	Artic	OE8
1	Bag tie straps per class	
	Part number MS3367-6-9	
	NSN 5975-00-133-8696	
8	Wood blocks 4" x 4" x 4'	

## INTERMEDIATE MAINTENANCE TRAINING

<u>QTY</u>	<u>ITEM</u>
1	Maintenance Bay

1        Work Bench  
1        EAPU's installed  
1        Classroom  
1        Slide projector w/screen  
1        Overhead life (wrecker) w/2 pt sling  
1        General Mechanic Tool Box

EXPENDABLES

1        bundle rags per class  
5        gal cleaning solvent per site  
3.1      gal POL per EAPU  
         POL - CONUS DF2  
         OCONUS DF2/JP8  
5.7      pints oil per unit  
         oil - Above 39 deg F    15 W 40  
         5 deg - 39 F            10 W 30  
         Artic                    OE8  
1        Bag tie straps per class  
         Part number MS3367-1-9  
         NSN 5975-00-727-5153  
8        Wood blocks 4" x 4" x 4'